

MATH 365 (MATH 627)

Analysis II
Winter 2016

- Instructor:** Dr. G. Dafni, Office: LB 927-15 (SGW), Phone: 514-848-2424, Ext. 3216
Email: galia.dafni@concordia.ca
- Lectures:** M-W 13:15-14:30, MB 3.430
- Office hours:** TBA
- Textbook:** *Introductory Real Analysis*, by F. Dangelo & M. Seyfried.
- References:** *Calculus*, 3rd Edition, by M. Spivak.
This and other references will be available on reserve at Webster library.
- Assignments:** Homework will be assigned approximately every week, in class. In the case of an absence, it is the student's responsibility to find out the homework assignment and turn in the homework on time. **Late homework will not be accepted.**
- You should submit your homework **handwritten on paper**, not electronically, and provide complete arguments. Some assigned problems may not be marked. Understanding of the homework is essential to success on the exams.
- Students must follow the University's policy on Academic Integrity:
<http://www.concordia.ca/students/academic-integrity.html>
- Midterm Test:** There will be a midterm test scheduled in the 7th or 8th week of classes. The exact date of the exam will be announced in class at least a week in advance. **There will be no make-up midterm exam.**
- Final Exam:** To be scheduled by the exams office. Students should plan to be present for the entire exam period and are responsible for finding out the time and location of the exam when it is announced. Any conflicts or other problems should be reported to the exams office in a timely manner.

Grading: 10% Assignments, 30% Midterm Test, 60% Final Exam
OR
10% Assignments, 90% Final Exam

Weeks	Topics	Chapters
1-4	Riemann Integration	Chapter 6
5-7	Series of Real Numbers	Chapter 7
8-10	Sequences and Series of Functions	Chapter 8
11-12	Power Series and Taylor Series	Chapter 9
13	REVIEW	